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- (71) Applicant (for all designated States except US): TRANS-FERT PLUS [CA/CA]; 550 Sherbrooke West, Suite 100, Montréal, Québec\_H3A 1B9 (CA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): BELIVEAU, Richard [CA/CA]; 266, Wilson, Montréal, Québec H3E 1L8 (CA). DEMEULE, Michel [CA/CA]; 3557, Archambault, Longueuil, Québec J4M 2W8 (CA). BERTRAND, Yanick [CA/CA]; Apartment 6, 860, Marmier, Longueuil, Québec J4K 4S2 (CA). MICHAUD-LEVESQUE, Jonathan [CA/CA]; 7718, Berri, Montréal, Québec H2R 2G9 (CA). ROLLAND, Yannève [CA/CA]; 6554, Chabot, Montréal, Québec H2G 2T5 (CA). JODOIN, Julie [CA/CA]; 1965, Fullum, Montréal, Québec H2K 3N3 (CA).
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(54) Title: COMPOUND AND METHOD FOR REGULATING PLASMINOGEN ACTIVATION AND CELL MIGRATION

(57) Abstract: The invention relates to novel regulators of plasminogen activation and their use for regulating cell migration, plasminolysis, angiogenesis, fibrinolysis, for treating cancer and thrombo-embolic diseases such as heart stroke. Furthermore, the present invention relates to novel pharmaceutical compositions for regulating cell migration, plasminolysis, angiogenesis and for treating cancer. In particular, the present invention relates to a method of regulating the activation of plasminogen comprising contacting a solution of pro-urokinase (uPA) or tissue plasminogen activator (tPA) and plasminogen with melanotransferrin (p97) for a time sufficient to effect regulation thereof.

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